

## SECTION 11700 - MEDICAL EQUIPMENT

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. The general provisions of the contract, including General and Special Conditions and General Requirements, apply to the work specified in this section.

#### 1.2 DESCRIPTION OF WORK

- A. The type of medical equipment required include the following:
  - 1. Film Illuminators (X-ray Viewers).
  - 2. Ice Maker/Dispenser.
  - 3. X-ray apron rack.

#### 1.3 QUALITY ASSURANCE

- A. Products:
  - 1. Provide products of the same manufacturer for each type of equipment.
- B. Product Substitutions: Reference to any material, product, article, thing, service or process by name, make or catalog number shall be interpreted as establishing a standard of quality and not construed as limiting competition or prohibiting substitution of any such material, product, article, thing, service or process.

#### 1.4 SUBMITTALS

- A. Manufacturer's Data:

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1. Submit copies of manufacturer's technical data and installation instructions for each type of medical equipment. Transmit copies of installation instructions to the installer.
- B. Samples:
1. When requested, submit full-size samples for review of design and operation. Acceptable samples will be returned and may be used in the work. Compliance with all other requirements is the exclusive responsibility of the Contractor.

## PART 2 - PRODUCTS

### 2.1 FILM ILLUMINATORS

- A. Illuminators shall be recessed, similar to S&S X-Ray Products 4000 series. Each unit to contain 4, 15-watt daylight fluorescent tubes. Provide with rocker switches, stainless steel gravity film support at top, bottom ledge film support, and stainless steel trim for recessed installation. Provide with thermally protected rapid start ballasts. The number of panels per unit is shown on the drawings.
- B. Manufacturer: Provide film illuminators as manufactured by, but not limited to, one of the following:
  - 1. General Electric
  - 2. Picker
  - 3. Post Glover/Halsey
  - 4. S & S X-Ray Products, Inc.
- C. Number of panels: 2 and 4 as shown.

### 2.2 ICE MAKER DISPENSER

- A. Ice Maker/Dispenser: Follett freestanding, automatic load, with 25 lbs. (10 kg) of storage and water station. Dispenser cabinet to be of stainless steel. Icemaker to be air cooled, with environmentally friendly R22 refrigerant. Icemaker to be mounted on Slide-out base in bottom of dispenser and to be easily removable as one unit for cleaning and maintenance. 24 hour production capacity of icemaker to be 400 lbs. (180 kg) of compressed nugget ice at 70°F (20°C) water, 80°F (27°C) air. Icemaker to be equipped with printed circuit board with diagnostics to allow simplified servicing. Dispenser to have automatic bin level control to start and stop icemaker and separate circuitry to allow dispensing to continue even with icemaker removed. Dispenser to be equipped with 6

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inch (150 mm) adjustable legs and lightweight top that allows full access to the ice storage compartment for easy manual loading of back up ice. Storage area to be insulated with high density, non-CFC foamed-in-place polyurethane.

1. Dispenser to be NSF, UL and CSA listed.
2. 115V 60 Hz, single phase.

B. Manufacturer: Provide Ice Maker/Dispenser as manufactured by one of the following, but not limited to:

1. Follett Corporation
2. Whirlpool
3. Castle-Forge/MDT

## 2.3 X-RAY APRON RACKS

A. Provide apron rack similar to General Electric E3053A.

## PART 3 - EXECUTION

### 3.1 INSPECTION

A. Installer must examine the areas and conditions under which equipment is to be installed and notify the Contractor in writing of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected in a manner acceptable to the installer.

### 3.2 INSTALLATION

- A. Use concealed fastenings wherever possible.
- B. Provide anchors, bolts and other necessary anchorages, and attach accessories securely to walls and partitions in locations as shown or directed.

- C. Install exposed mounting devices and fasteners finished to match the accessories.
- D. Secure medical equipment in accordance with the manufacturer's instructions for each item and each type of substrate construction.

END OF SECTION 11700